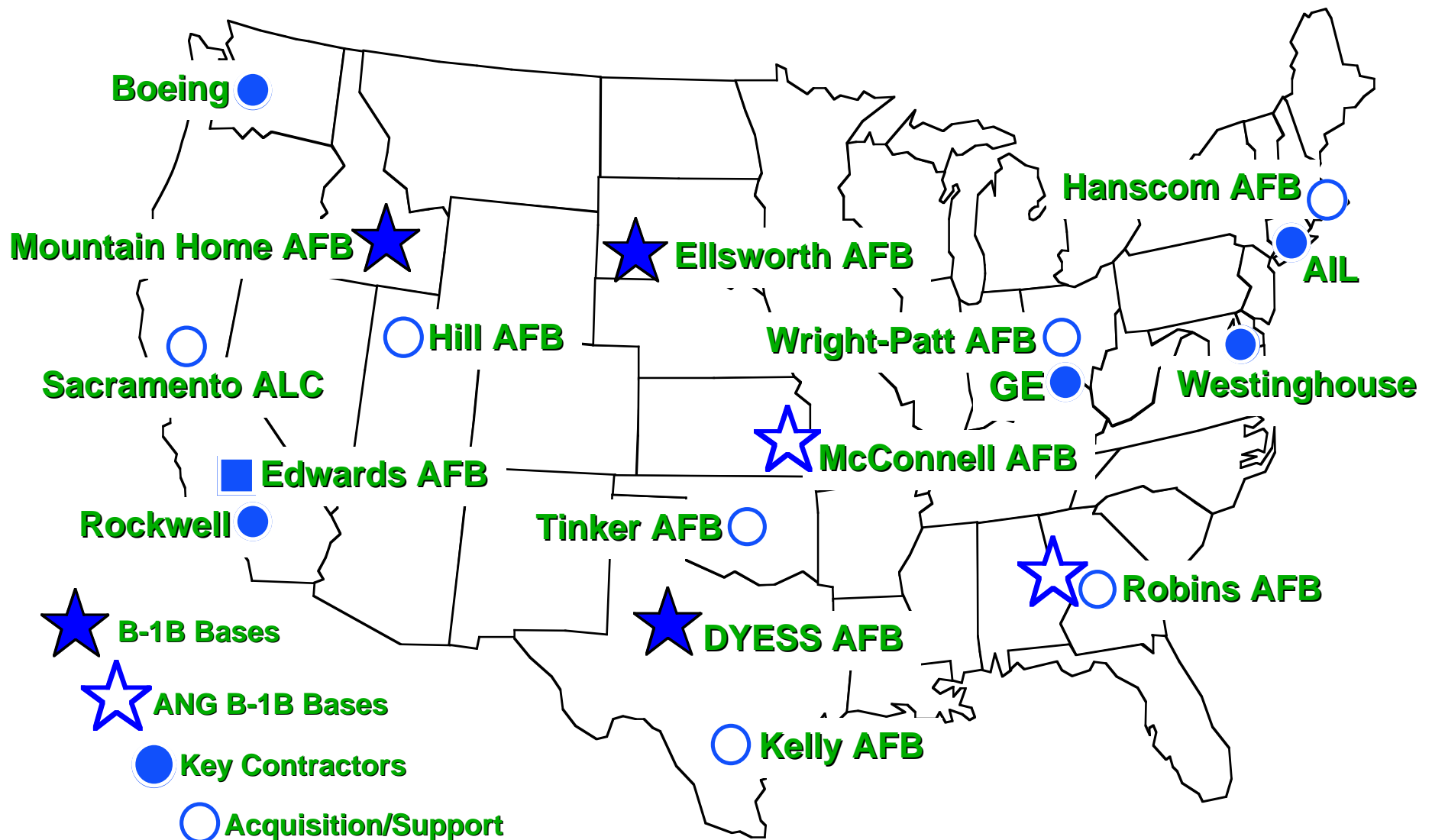
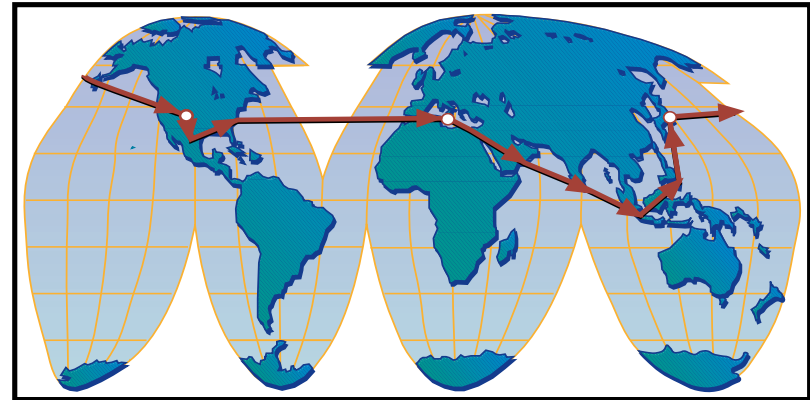


# B-1B Team



# B-1B Combat Ready

## Around-the-world record - June 3, 1995



- Two DYESS AFB B-1Bs
- 36 hour, 13 minute Global Power Mission
- Successful practice bombing missions (3 continents)
  - Italy
  - Western Pacific
  - Utah Test Range
- Total world records for B-1B currently at 61
- Global Power Mission also resulted in
  - National Aeronautics Association 1995 top 10 aviation accomplishments
  - Air Force MacKay trophy

**“It’s global teamwork at its best”**  
Lt. Col. Douglas Raaberg, Mission Commander

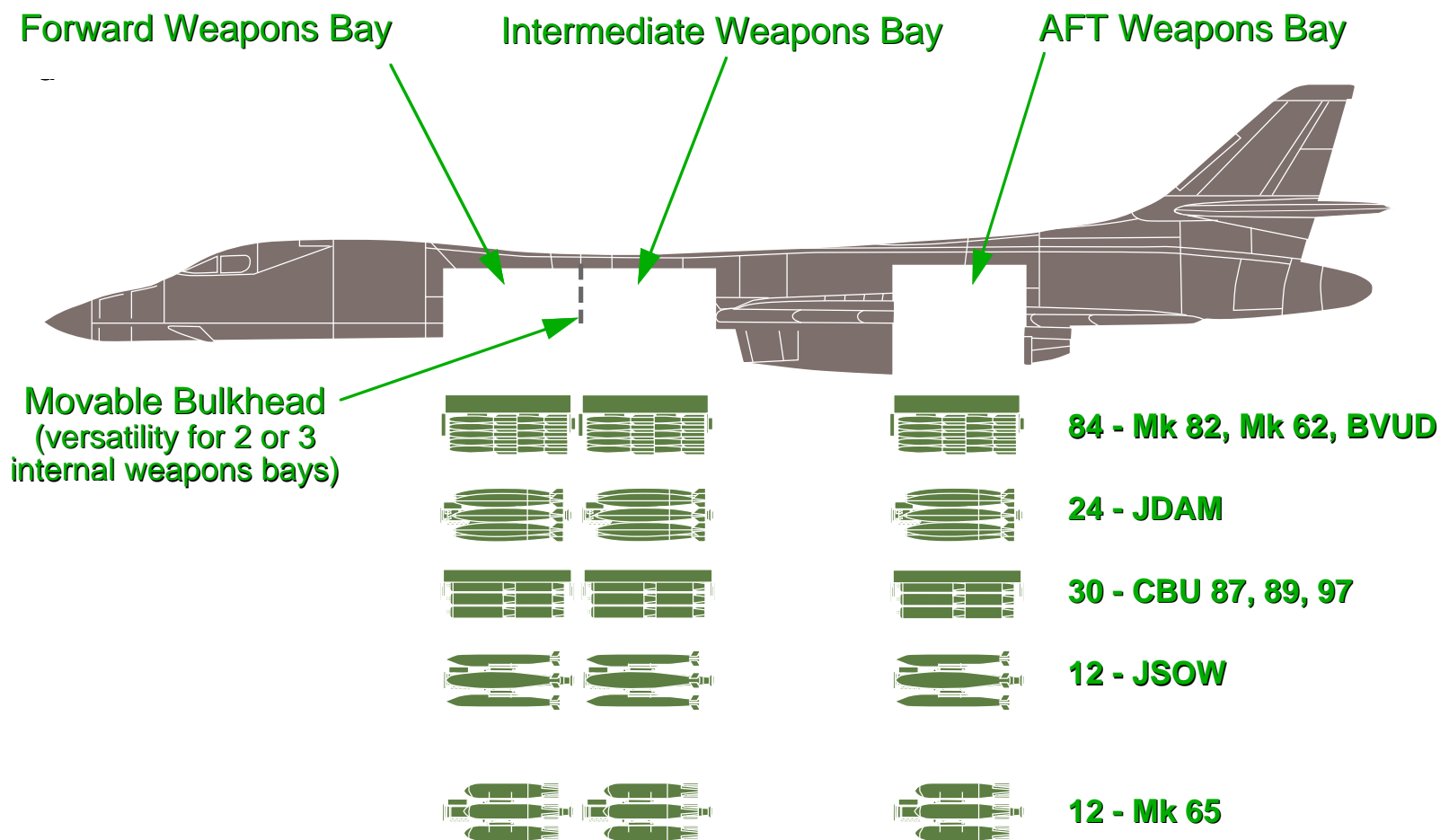
# B-1B Combat Ready

## Global Reach Missions

- Red Flag Joint command exercise at Nellis AFB range
- CALFEX Live fire exercise with Army ground troops
- Dynamic Guard 31-hr mission: 8000 nm (CONUS - Egypt - CONUS)
- FLEETEX Joint Navy exercise with aircraft carrier – USS America
- Coronet Bat Around the world (36 hour mission)
- Coalition Flag First B-1B coalition exercise at Nellis AFB
- Pecos Thunder Fighters/bombers air defense exercise
- Gunsmoke '95 B-1Bs capture four of seven places in the bombing competition, including No. 1 & No. 2
- Global Archer Nuclear deterrence
- Bright Star '95 U.S. and Egyptian joint exercise 95% MC rate
- Maple Flag Joint exercise with Canadian forces
- July '95 ORI Operational readiness inspection (34th Bomb Squadron) - Excellent rating

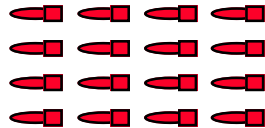
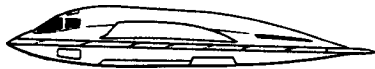
**Demonstrated Force Projection**

# Flexible Conventional Payload

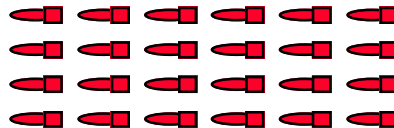
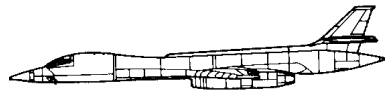


**B-1B will carry all new “smart” weapons with the largest conventional weapons payload of any U.S. combat aircraft**

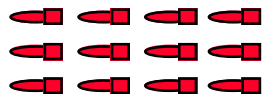
# Bomber Payloads



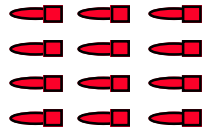
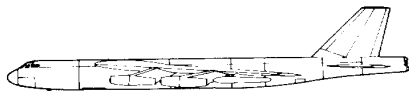
$$X \quad 20 \text{ a/c} \quad = \quad 320 \text{ JDAM's}$$



$$X \quad 95 \text{ a/c} \quad = \quad 2280 \text{ JDAM's}$$



(external carriage capability  
if allowed by START)



$$X \quad 28 \text{ a/c} \quad = \quad 336 \text{ JDAM's}$$

**B-1B fleet represents 78% of USAF Bomber JDAM payload capability.**

# Why B-1B CMUP?

**Nuclear** → → → **Conventional**

- Independent, preplanned mission
- Minimal communications
- Low altitude
- Gravity/nuclear weapons
- Highly defended
- Mass destruction

- Flexible missions, force packaging
- Interoperability
- Low/high altitude
- Accurate precision weapons
- Low/medium/high defenses
- Military targets
- Sustained combat operations

**B-1B Transitions to Conventional Role**

# Benefits of B-1B CMUP

- **Improved Near Term Lethality**
  - CBU 87 (Gator), 89 (CEM), and 97 (SFW)
  - Improved lethality vs. troops, vehicles and armor
- **GPS, Computer Upgrade, and Mil-Std-1760**
  - Allow aircraft to pass required data to new “smart” weapons
- **Jam-Resistant Radio**
  - Allow aircraft to communicate with fighters, AWACS and Joint STARS in hostile environment
- **Joint Direct Attack Munition (JDAM) 1**
  - Improved lethality vs. hard targets - 24 on single pass
- **Wind Compensated Munitions Dispenser (WCMD)**
  - Enables high altitude CBU capability
- **Defensive System Upgrades (DSUP)**
  - Improve aircraft survivability in medium/high threat areas
- **Joint Stand-Off Weapon (JSOW)**
  - Medium range standoff vs. troops, vehicles and armor in medium /high threat areas
- **Joint Air-to-Surface Standoff Missile (JASSM)**
  - Extends standoff capability in high threat areas
- **Mk 62/65 Naval Mines**

**Marriage of modern high lethality “smart” weapons with existing high-performance large-payload aircraft design**

# Long-Range Strike Summary

- **B-1B is combat ready**
- **B-1B capabilities key to long range strike**
- **CMUP is on schedule and within budget**

**B-1B is the backbone of the bomber fleet**



# Why B-1B

Dr. Perry:

“...B-1B bombers provide the United States the capability to deliver large conventional payloads over global distances while operating from CONUS bases or forward deployed locations. That capability provides commanders a timely military response that could stop or slow the advance of enemy ground forces in the first days of a conflict. *The B-1B will further enhance it's effectiveness in striking advancing ground forces and fixed targets by employing large numbers of individually targeted and guided advanced weapons. Planned survivability upgrades will allow the B-1B to successfully attack all but the most heavily defended target areas.* Standoff weapons could be employed from the B-1B to attack those target areas.”

**B-1B is the backbone of the bomber fleet**

# B-1B Image

- **Groundings\* “B-1 fleet grounded again!”**

- B-52 (57 times)
- F-15 (29 times)
- B-1 (8 times)

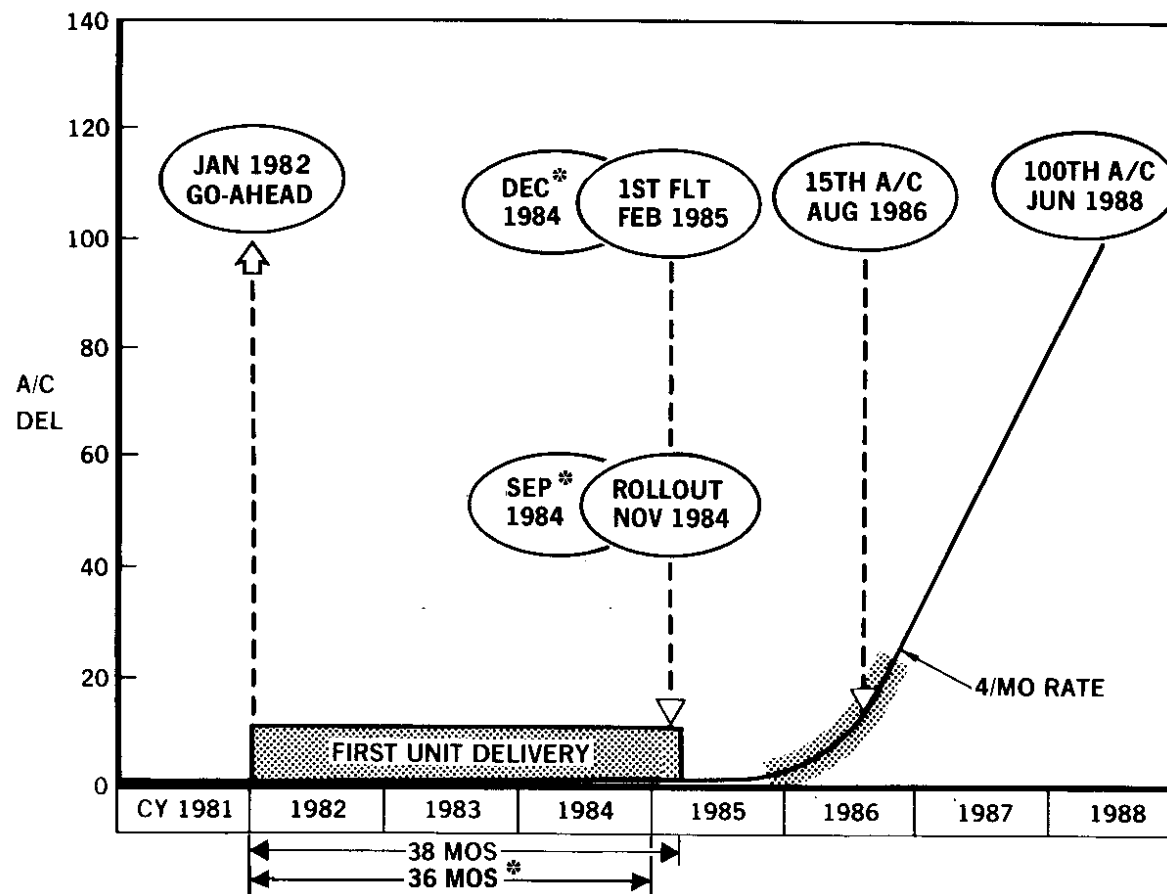
*\*In first eight years of operation*

- **Accidents\* “Another B-1 crashes!”**

- B-47 (83 crashes)
- B-52 (18 crashes)
- B-1 (3 crashes)

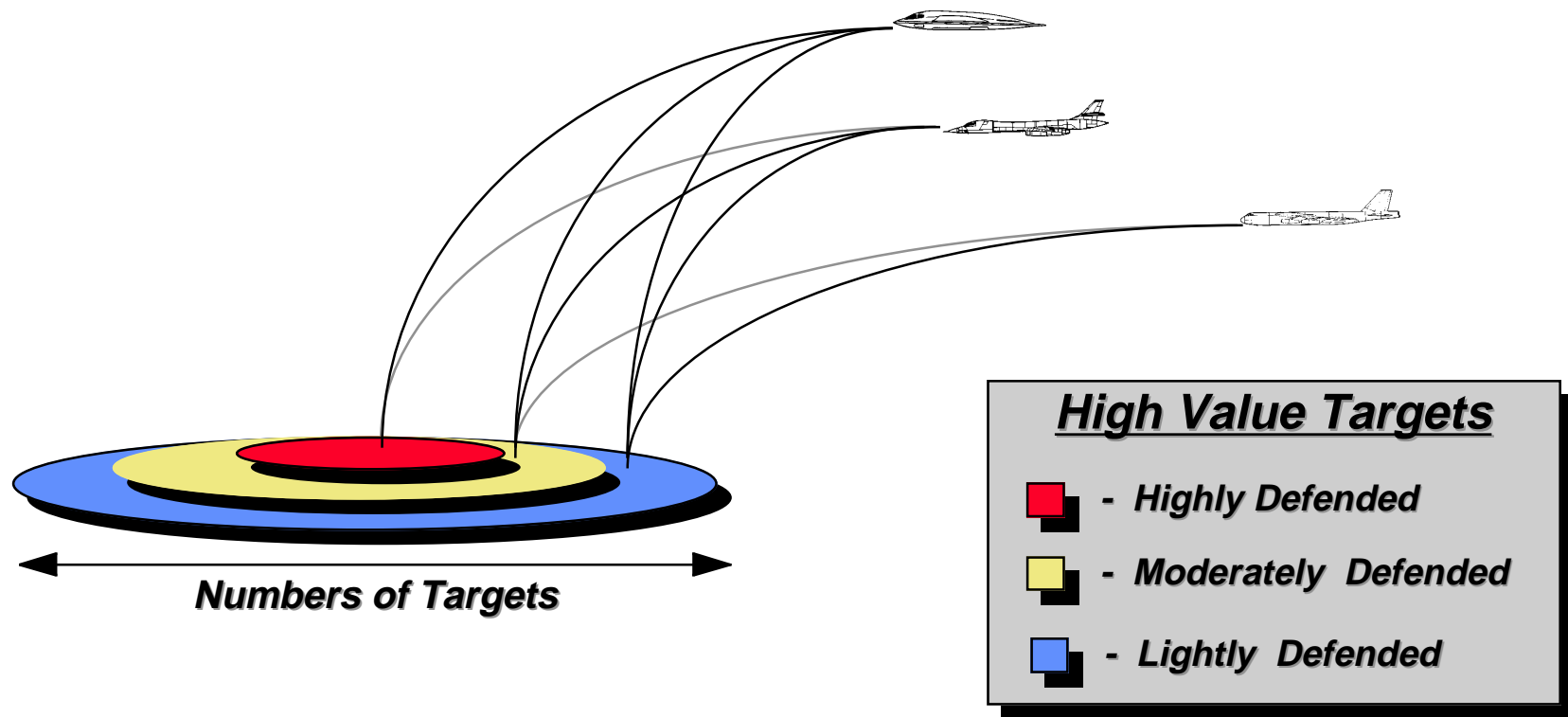
*\*In first four years*

# B-1B Production Program



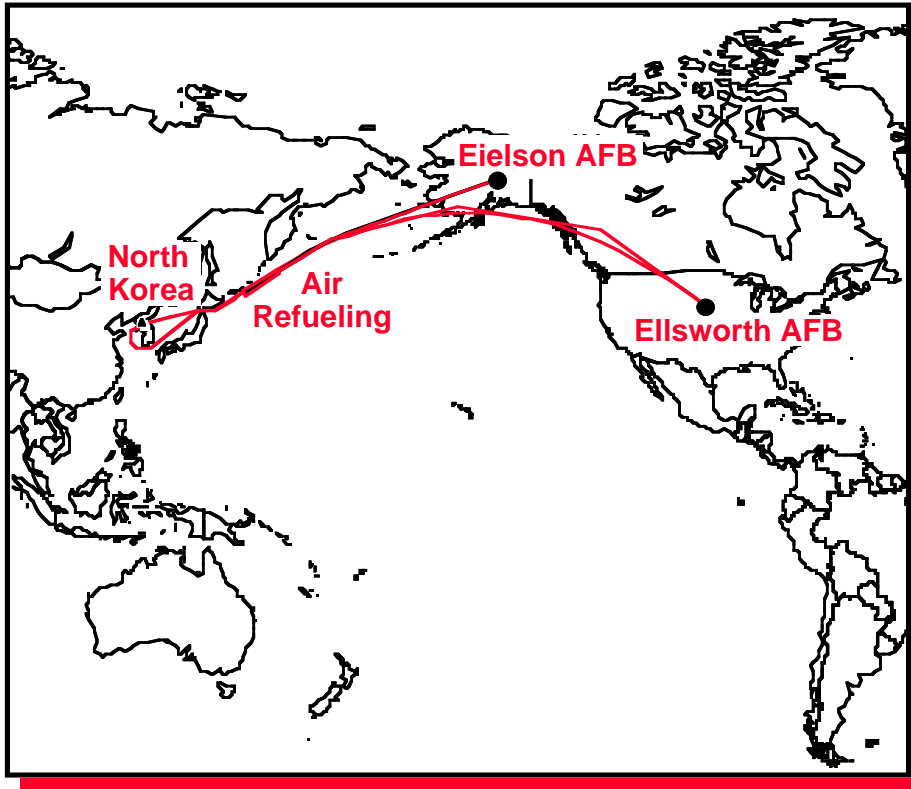
**Last aircraft delivered April 1988 (2 months ahead of schedule)  
Within cost cap of \$20.5B**

# Bomber Roadmap



**Bombers with modern precision and standoff weapons  
will be used synergistically vs. high value targets**

# Why Bombers ?



- **New Conventional “Hotspots”**
- **Fastest response ... in hours vs. high value targets**
- **Large payload in first critical days**
- **Long range allows initial CONUS basing**
- **Swing to second near-simultaneous conflict**
- **Full range of response options ... show of force to covert attack**

**Bombers employ while others deploy**